IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Udo PURSCHE	Attorney Docket No.: P/63002
Serial No.: 10/088,366	Group Art Unit:
Filed: March 14, 2002	Examiner:
Title: PHASE DETECTOR	
Commissioner for Patents	

Commissioner for Patents Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

<u>X</u>	under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
	under 37 CFR 1.97(c) together with either a: Statement under 37 CFR 1.97(e), or a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
_	under 37 CFR 1.97(d) together with a: Statement under 37 CFR 1.97(e), and a \$180.00 fee set forth in 37 CFR 1.17(p). (Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

X Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware.

Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

Respectfully submitted,

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail No. <u>EL 337 912 525 US</u> in an envelope addressed to: Box: PCT, Commissioner of Patents and Trademarks, Washington, D.C., 20231, on:

Date of Deposit: July 11, 2002

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Date: July 11, 2002

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INFORMATION DISCLOSURE			Filing Date	Mai	rch 14, 2002		
STATEMENT BY APPLICANT		First Named Inventor	Udo	PURSCHE			
				Group Art Unit			
	(use as many sheets	as nec	essary)	Examiner Name			
Sheet	1	of	1	Attorney Docket Number	P/6	3002	

U.S. PATENT DOCUMENTS						
	Cite	U.S. Patent		Name of Patentee or Applicant of Cited Document	Date of Publication of	Pages, Columns, Lines, Where Relevant
	No.¹	Number	Kind Code ² (if known)		cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
		3,922,679		Campbell	11/25/1975	
		5,900,747		Brauns	05/04/1999	
						
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FOREIGN PATENT DOCUMENTS								
Cite No.1	Cita	Fore	eign Patent Docu	ıment	Name of Patentee or	Date of Publication of	Pages, Columns, Lines,	
	Office ³	Number ⁴	Kind Code⁵ (<i>if known</i>)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	Te €	
	DE 197	03 889 C1		Germany	02/19/1998			
	0 023 73	35 A1		European	02/11/1981			
	WO 01/2	20350 A1		PCT	03/22/2001			
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		Office ³ DE 197 0 023 73	Cite	Foreign Patent Document	Foreign Patent Document	Cite No.1 Foreign Patent Document Name of Patentee or Applicant of Cited Document Name of Patentee or Applicant of Cited Document MM-DD-YYYY DE 197 03 889 C1 DE 197 03 889 C1 Germany 02/19/1998 0 023 735 A1 European Date of Publication of Cited Document MM-DD-YYYY Date of Publication of Cited Document MM-DD-YYYY Date of Publication of Cited Document MM-DD-YYYY	Cite No.1 Foreign Patent Document Name of Patentee or Applicant of Cited Document Name of Patentee or Applicant of Cited Document MM-DD-YYYY DE 197 03 889 C1 DE 197 03 889 C1 Date of Publication of Cited Document MM-DD-YYYY Passages or Relevant Figures Appear O2/19/1998 Date of Publication of Cited Document MM-DD-YYYY European Date of Publication of Cited Document MM-DD-YYYY Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

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Examiner	Date	
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Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.